

# **MARKETING MICHIGAN APPLES**

## **1976 CROP**

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### **FEDERAL-STATE MARKET NEWS SERVICE**

**U. S. Department of Agriculture  
Agricultural Marketing Service  
Fruit and Vegetable Division**

**Michigan Department of Agriculture  
Marketing Division**



FOR E W O R D

This annual summary reflects the marketing activities of the 1976 Michigan apple crop. The Michigan Department of Agriculture, Marketing Division cooperating with the United States Department of Agriculture, Agricultural Marketing Service made this report possible.

Information contained in this summary was obtained from daily printed reports issued at the Federal-State Fruit and Vegetable Market News office in Benton Harbor, Michigan. Other sources of information include the United States Department of Agriculture, Crop Reporting Board and Al Braudo, Manager Benton Harbor Fruit Market.

We wish to express our sincere appreciation to the Michigan growers and shippers, also all other segments of the fruit and vegetable industry for their cooperation which made this report possible.

A telephone recorder is in operation year round providing market news information which is updated several times daily. (Area Code 616 - 925-1096.)

A Great Lakes Fruit Report including the latest apple prices is featured three times weekly by the following Michigan radio stations: WABJ - Adrian at 6:35PM, WHFB - Benton Harbor at 12:30PM, WKYQ - Caro at 6:15AM, WCER - Charlotte at 12:30PM, WSHN - Fremont at 1:00PM. WHTC - Holland at 12:35PM, WION - Ionia at 1:00PM, WKLA - Ludington at 11:55AM, WMTE - Manistee at 12:50PM, WJPW - Rockford at 12:55PM, WJOR - South Haven at 12:20PM, and WCCW - Traverse City at 12:55PM.

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Benton Harbor, Michigan 49022  
Phone Area Code 616 - 925-3279  
or  
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PRODUCTION: The total United States commercial apple crop production decreased sharply in 1976. A total of 6.2 billion pounds were reported in 1976, compared with 7.5 billion in 1975. The largest decline in production occurred in the Eastern and Midwestern producing states. In the Eastern producing states yields decreased by 2.2 billion pounds or 19 percent lower than 1975. The Midwestern production area decreased 29 percent in 1976. The many repeated spring freezes that occurred in late April and early May, combined with a moisture shortage during July and August were the main reasons for the sharp decline. Michigan produced 500 million pounds of fruit in 1976, compared with 700 million in 1975. The primary 1976 decrease in Michigan varieties were Jonathan 56 million, McIntosh 39 million, Red Delicious 29 million, Golden Delicious 11 million, and Red Rome 10 million pounds each. The Michigan apple truck movement was recorded the entire 1976-77 marketing season. Because of the timely release of this publication the Michigan apple truck shipments are for the period September 1976 through April 1977. The total carlot equivalents shipped during the period were 3,800. There is no comparable figure available for the 1975 crop because tabulation did not begin until January 1976, and considerable late fall movement was not recorded.

GROWING CONDITIONS: The 1976 weather conditions were very adverse, including early spring freezing temperatures and drought conditions in July and August. Fruit quality and size was moderately affected and some storage holdings were abandoned at pack time.

HARVEST: Light picking of McIntosh began in middle September and harvest activities were still active by late October. In the West Central areas growers delayed harvest to acquire larger size resulting in some over ripe fruit going into storage.

MARKETING: The 1976 crop quality was variable. In Southwestern Michigan size and color was good, but offerings were extremely light because of the spring freeze. In the West Central area offerings were more liberal but size was undesirably small and color irregular. The market demand for small apples was exceptionally light and

sales persons had to work long hours to move product. Grade out at pack time was heavy and packed supplies of various varieties were lighter. The first market report covering F.O.B. prices was released on September 13th. Very light supplies of McIntosh and Jonathans were available most of September and prices were sharply higher than a year ago. Cartons 12-3 pound film bags U. S. fancy 2 $\frac{1}{4}$ " and up regular storage McIntosh sold at mostly \$6.00, Jonathans \$6.00-\$6.50, and Red Delicious \$7.00-\$7.25. McIntosh and Jonathans were mostly unchanged during the cold storage period, however Red Delicious were slightly lower priced. Other varieties were mostly unchanged except Golden Delicious which declined steadily in price as the marketing season progressed. The controlled atmosphere storage offerings opened in late December. McIntosh, Jonathans, and Red Delicious opened at \$6.50 to \$6.75, however Red Delicious quickly declined. Prices held fairly steady through January and February, but in late March Red Delicious prices decreased to \$5.75. In April prices were mostly unchanged. However in early May, supplies from Eastern producing states decreased sharply and demand for Red Delicious improved very much and closed at \$6.25-\$6.50. The final market news report was issued on Friday, May 13th. Light to moderate truck shipments are expected until middle June.

PACKAGE: The primary package is master container cartons packed 12-3 pound film bags. Because of the smaller fruit size overwrapped package volume decreased slightly, and cartons tray pack were practically nonexistent.

TRANSPORTATION: All Michigan apples were shipped by refrigerated truck in either mixed or straight loads.

41 CITIES: The principal receivers of Michigan apples were Detroit 621, Chicago 412, Cincinnati 186, Indianapolis 169, and St. Louis 128 carlot equivalents. The carlot conversion factor is 900 cartons per one carlot. The total unloads decreased reflecting lighter volume available. A total of 2,297 carlots were unloaded in 41 cities in 1976, compared with 2,830 in 1975. A slight decrease was also notice in the five Canadian cities unloads, a total of 91 carlots were unloaded in 1976, compared with 123 in 1975.

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## NUMBER OF MICHIGAN TREES OF BEARING AGE (000 OMITTED)

<u>1976*</u>	<u>1975</u>	<u>1974</u>	<u>1973</u>	<u>1972</u>	<u>1971</u>	<u>1970</u>	<u>1969</u>	<u>1968</u>	<u>1967</u>	<u>1966</u>
3,150	3,150	3,150	3,080	3,050	3,000	2,920	2,800	2,690	2,590	2,500
NUMBER OF ACRES										
53,500*	53,500	53,500	54,000	54,500	55,500	56,000	56,000	56,000	56,500	55,500

(\*) Estimated

SOURCE: Michigan Crop Reporting Service, Lansing, Michigan

## MICHIGAN PRODUCTION, UTILIZATION OF SALES, AND SEASON AVERAGE PRICE

YEAR	TOTAL COMMERCIAL PRODUCTION	TOTAL SALES	TOTAL FRESH SALES	TOTAL SALES FOR PROCESSING	SEASONAL AVERAGE PRICE
	ALL	FRESH	PROCESSING	PER POUND	PER TON
-- MILLION POUNDS --					
1966	675	650	311	339	3.90      5.91      42.00
1967	555	555	762	390	5.06      7.00      67.00
1968	555	555	259	296	5.24      7.30      69.60
1969	675	675	247	428	3.36      5.70      48.60
1970	690	690	283	407	3.73      6.30      39.00
1971	730	700	280	420	3.57      5.80      41.60
1972	730	730	235	495	4.30      7.10      59.40
1973	470	470	160	310	9.30      11.00      169.00
1974	670	670	240	430	6.20      9.50      85.00
1975	700	680	305	375	5.10      7.90      55.00

## UTILIZATION OF SALES AND AVERAGE PRICES, 1973-1975

	1975	1974	1973
	QUANTITY : PRICE	QUANTITY : PRICE	QUANTITY : PRICE
	MILLION : PER	MILLION : PER	MILLION : PER
	POUNDS : POUND	POUNDS : POUND	POUNDS : POUND
Canned(Slices and Sauce)	149.0      6.40	121.0      8.75	93.0      3.40
Frozen and Fresh Slices	73.0      5.50	103.0      10.30	97.0      3.50
Juice and Cider	180.0      2.30	80.0      5.85	180.0      2.10
Total Processing	430.0      4.30	310.0      8.45	375.0      2.75
Fresh Market	240.0      9.50	160.0      11.00	305.0      7.90
Total Sales	670.0      6.20	470.0      9.30	700.0      5.10

SOURCE: Noncitrus Fruits &amp; Nuts 1976 Annual Summary, Michigan Crop Reporting Service, Lansing, Michigan.

## BENTON HARBOR FRUIT MARKET

SEASON	CARROT EQUIVALENTS SEASON TOTALS	SEASON AVERAGE PRICE	CASH RETURNS SEASON TOTALS
APPLES (Bushel Basket)			
1966	368	\$2.43	\$714,604
1967	291	2.35	546,798
1968	171	2.76	376,497
1969	281	1.90	426,593
1970	328	2.08	546,557
1971	349	2.04	569,894
1972	274	2.54	556,303
1973	107	5.36	460,670
1974	189	4.05	611,242
1975	294	3.24	760,749
10-YEAR AVERAGE	265	2.87	556,991
1976	97	5.40	469,449

SOURCE: Benton Harbor Fruit Market Summary.

## PRODUCTION BY STATE OF APPLES

STATE	42-POUND EQUIVALENTS			PRODUCTION		
	1974	1975	1976	1974	1975	1976
Arkansas	310	536	262	13.0	22.5	11.0
California	10,476	10,952	11,429	444.0	460.0	480.0
Colorado	1,071	2,500	1,762	45.0	105.0	74.0
Connecticut	1,119	1,143	714	47.0	48.0	30.0
Delaware	298	298	274	12.5	12.5	11.5
Georgia			524			22.0
Idaho	2,214	2,262	2,976	93.0	95.0	125.0
Illinois	1,905	2,738	2,048	80.0	115.0	86.0
Indiana	929	2,095	595	39.0	88.0	25.0
Iowa	269	221	143	11.3	9.3	6.0
Kansas	310	405	271	13.0	17.0	11.4
Kentucky	357	524	333	15.0	22.0	14.0
Maine	1,714	1,595	1,667	72.0	67.0	70.0
Maryland	1,548	2,048	1,476	65.0	86.0	62.0
Massachusetts	2,333	2,214	2,119	98.0	93.0	89.0
MICHIGAN	15,952	16,667	11,905	670.0	700.0	500.0
Minnesota	610	440	560	25.6	18.5	23.5
Missouri	1,262	1,833	1,190	53.0	77.0	50.0
New Hampshire	1,524	1,429	1,357	64.0	60.0	57.0
New Jersey	2,857	3,214	2,024	120.0	135.0	85.0
New Mexico	143	262	714	6.0	11.0	30.0
New York	21,429	24,286	17,857	900.0	1,020.0	750.0
North Carolina	7,143	7,500	6,429	300.0	315.0	270.0
Ohio	3,214	3,810	2,500	135.0	160.0	105.0
Oregon	3,929	3,810	4,048	165.0	160.0	170.0
Pennsylvania	11,429	13,095	8,571	480.0	550.0	360.0
Rhode Island	95	121	105	4.0	5.1	4.4
South Carolina	476	571	500	20.0	24.0	21.0
Tennessee	167	238	190	7.0	10.0	8.0
Utah	881	1,167	952	37.0	49.0	40.0
Vermont	1,000	905	905	42.0	38.0	38.0
Virginia	9,048	10,238	4,167	380.0	430.0	175.0
Washington	43,000	52,381	52,381	1,806.0	2,200.0	2,200.0
West Virginia	5,000	5,714	4,405	210.0	240.0	185.0
Wisconsin	1,548	1,524	1,238	65.0	64.0	52.0
UNITED STATES	155,560	178,736	148,591	6,533.4	7,506.9	6,240.8

SOURCE: Noncitrus Fruits &amp; Nuts 1976 Annual Summary.

## VALUE OF PRODUCTION BY STATE OF APPLES

STATE	PRICE PER POUND			VALUE OF UTILIZED PRODUCTION		
	1974	1975	1976	1974	1975	1976
	CENTS			1,000 DOLLARS		
Arkansas	11.5	7.9	11.1	1,495	1,667	1,221
California	7.1	5.8	6.3	31,240	26,680	30,240
Colorado	9.0	5.6	8.4	4,050	5,880	6,216
Connecticut	11.0	10.7	13.2	4,950	4,601	3,960
Delaware	8.5	6.1	9.3	1,063	763	1,070
Georgia <sup>1/</sup>			8.5			1,785
Idaho	11.6	11.1	12.1	10,788	10,545	15,125
Illinois	10.7	7.6	10.4	8,453	8,512	8,944
Indiana	10.2	8.1	12.6	3,896	6,156	3,150
Iowa	14.5	10.2	13.2	1,566	949	792
Kansas	9.7	8.7	8.4	1,232	1,444	958
Kentucky	10.8	9.7	10.8	1,555	2,076	1,512
Maine	10.6	10.3	13.3	7,314	6,798	9,310
Maryland	9.2	7.0	9.1	5,980	5,530	5,642
Massachusetts	10.3	10.4	13.3	9,373	8,944	11,837
MICHIGAN	6.2	5.1	8.1	41,540	34,680	40,500
Minnesota	13.4	12.9	12.3	3,350	2,387	2,891
Missouri	13.0	12.4	15.0	6,890	8,308	7,500
New Hampshire	10.7	10.4	13.3	6,527	5,720	7,581
New Jersey	8.6	6.4	9.3	10,320	7,040	7,626
New Mexico	9.8	12.5	11.8	490	1,375	2,832
New York	7.3	6.8	8.2	64,897	58,480	61,500
North Carolina	6.2	5.9	10.2	18,290	16,520	27,540
Ohio	11.2	9.6	13.1	14,784	14,592	13,755
Oregon	6.2	4.9	6.5	10,230	7,840	11,050
Pennsylvania	8.3	5.9	8.8	39,840	29,707	31,680
Rhode Island	11.5	11.4	14.6	460	479	642
South Carolina	10.3	10.1	11.3	2,060	2,121	2,373
Tennessee	10.4	10.6	10.9	728	1,060	872
Utah	9.4	6.3	7.9	3,478	2,772	3,160
Vermont	10.4	10.3	13.3	3,952	3,399	5,054
Virginia	8.4	5.0	7.4	31,786	19,750	12,950
Washington	9.3	5.9	8.4	167,958	129,800	184,800
West Virginia	9.4	5.4	9.0	19,740	11,664	16,650
Wisconsin	10.0	9.4	12.3	6,000	6,016	6,396
UNITED STATES	8.4	6.4	8.8	546,275	454,255	549,114

<sup>1/</sup> Estimates not available prior to the 1976 crop.

SOURCE: Noncitrus Fruits & Nuts 1976 Annual Summary.

ESTIMATES OF MICHIGAN APPLES IN STORAGE NOV. 1, 1976  
(In Thousands of Bushels)

9.

COMMON STORAGE					
<u>VARIETY</u>	<u>1976</u>	<u>1975</u>	<u>1974</u>	<u>1973</u>	<u>1972</u>
McIntosh	36	8	155	24	59
Jonathan	191	79	249	84	123
Red Delicious	26	5	41	17	15
Spy	59	210	140	58	212
Golden Delicious	141	92	135	26	93
Rome	99	68	84	37	49
Idared*	2				
Winesap*	50				
All Other varieties	<u>113</u>	<u>127</u>	<u>296</u>	<u>50</u>	<u>163</u>
<b>TOTAL</b>	<b>717</b>	<b>589</b>	<b>1,100</b>	<b>296</b>	<b>714</b>
COLD STORAGE					
<u>VARIETY</u>	<u>1976</u>	<u>1975</u>	<u>1974</u>	<u>1973</u>	<u>1972</u>
McIntosh	263	420	699	370	738
Jonathan	532	1,398	1,233	1,165	1,160
Red Delicious	545	816	824	602	941
Spy	381	455	361	580	491
Golden Delicious	322	326	350	414	203
Rome	300	303	282	313	164
Idared*	48				
Winesap*	82				
All Other varieties	<u>161</u>	<u>568</u>	<u>503</u>	<u>637</u>	<u>515</u>
<b>TOTAL</b>	<b>2,634</b>	<b>4,286</b>	<b>4,252</b>	<b>4,081</b>	<b>4,212</b>
CONTROLLED ATMOSPHERE STORAGE					
<u>VARIETY</u>	<u>1976</u>	<u>1975</u>	<u>1974</u>	<u>1973</u>	<u>1972</u>
McIntosh	328	503	581	326	666
Jonathan	722	983	967	738	1,054
Red Delicious	834	1,099	909	624	956
Spy	92	96	46	148	93
Golden Delicious	129	144	123	94	51
Rome	280	274	256	120	93
Idared*	156				
Winesap*	38				
All Other varieties	<u>15</u>	<u>249</u>	<u>257</u>	<u>162</u>	<u>97</u>
<b>TOTAL</b>	<b>2,594</b>	<b>3,348</b>	<b>3,139</b>	<b>2,212</b>	<b>3,010</b>
COMBINED TOTAL OF ALL STORAGE					
<u>VARIETY</u>	<u>1976</u>	<u>1975</u>	<u>1974</u>	<u>1973</u>	<u>1972</u>
McIntosh	627	931	1,435	720	1,463
Jonathan	1,445	2,460	2,449	1,987	2,337
Red Delicious	1,405	1,920	1,774	1,243	1,912
Spy	532	761	547	786	796
Golden Delicious	592	562	608	543	347
Rome	679	645	622	470	306
Idared*	206				
Winesap*	170				
All Other varieties	<u>289</u>	<u>944</u>	<u>1,056</u>	<u>849</u>	<u>775</u>
<b>TOTAL</b>	<b>5,945</b>	<b>8,223</b>	<b>8,491</b>	<b>6,598</b>	<b>7,936</b>

(\*) Previous years not shown.

SOURCE: Michigan State Apple Council.

10.

## ECONOMIC ABANDONMENT OF APPLES

STATE	UNHARVESTED PRODUCTION			EXCESS CULLAGE		
	1974	1975	1976	1974	1975	1976
<u>MILLION POUNDS</u>						
Arkansas		.6			.8	
Connecticut	2.0	5.0				
Georgia					1.0	
Illinois		1.0		1.0	2.0	
Indiana	.3	10.0		.5	2.0	
Iowa				.5		
Kansas	.1	.1		.2	.3	
Kentucky	.4	.4		.2	.2	
Maine	3.0	1.0				
Maryland		6.7			.3	
Massachusetts	7.0	7.0				
MICHIGAN		20.0				
Minnesota	.6					
Missouri		10.0				
New Hampshire	3.0	5.0				
New Jersey		22.0			3.0	3.0
New Mexico	.6		6.0	.4		
New York	11.0	160.0				
North Carolina	5.0	20.0			15.0	
Ohio	3.0	8.0				
Pennsylvania		45.7			.8	
Rhode Island		.9				
South Carolina		3.0				
Utah		4.0			1.0	
Vermont	4.0	5.0		1.6		
Virginia		35.0				
West Virginia		20.5			3.5	
Wisconsin	3.8			1.2		
UNITED STATES	43.8	390.9	6.0	5.6	28.9	4.0

## TOTAL PRODUCTION BY VARIETIES FOR APPLES

VARIETY	MICHIGAN			UNITED STATES		
	1974	1975	1976	1974	1975	1976
<u>MILLION POUNDS</u>						
Cortland	13.0	13.3	10.0	145.3	145.1	116.9
Delicious	105.0	114.1	85.0	2,117.9	2,632.9	2,369.6
Golden Delicious	40.0	41.3	30.0	1,074.1	1,115.8	1,115.4
Gravenstein	-	-	-	84.0	90.0	91.0
Jonathans	170.0	186.9	130.0	355.3	434.7	308.5
McIntosh	130.0	119.0	80.0	709.2	677.5	520.4
Northern Spy	60.0	72.8	57.0	92.6	102.2	79.5
R. I. Greening	12.0	12.6	7.0	117.0	150.6	87.0
Rome Beauty	35.0	35.0	25.0	493.4	607.4	466.7
Stayman	18.0	18.9	15.0	247.1	277.8	167.2
Winesap	-	-	-	166.1	193.4	149.8
Yellow Newton	-	-	-	138.0	141.5	154.0
York Imperial	-	-	-	267.3	341.6	182.2
Others	87.0	86.1	61.0	526.1	596.4	432.6
TOTALS	670.0	700.0	500.0	6,533.4	7,506.9	6,240.8

SOURCE: Noncitrus Fruits &amp; Nuts 1976 Annual Summary.

1976 MICHIGAN WEEKLY FRESH MARKET APPLE TRUCK SHIPMENTS REPORTED BY PRINCIPAL GROWERS AND SHIPPERS  
 CARLOT CONVERSION FACTOR 900 CARTONS

WEEK ENDING	CARLOT EQUIVALENTS	TOTAL TO DATE CARLOT EQUIVALENTS
Sept. 18	51	51
25	54	105
Oct. 2	104	209
9	109	318
16	126	444
23	139	583
30	147	730
Nov. 6	98	828
13	96	924
20	96	1,020
27	96	1,116
Dec. 4	104	1,220
11	138	1,358
18	130	1,488
25	88	1,576
Jan. 2	85	1,661
8	105	1,776
15	121	1,887
22	117	2,004
29	99	2,103
Feb. 5	142	2,245
12	161	2,406
19	145	2,551
26	135	2,686
Mar. 5	131	2,817
12	138	2,955
19	140	3,095
26	131	3,226
April 2	123	3,349
9	143	3,492
16	114	3,606
23	98	3,704
30	96	3,800
May 8	85	3,885

THE FOLLOWING CHART SHOWS FLUCTUATION IN WEST MICHIGAN F.O.B. APPLE PRICES FOR THE 1976 CROP.

REGULAR STORAGE

12-3 LB. FILM BAG PACKED IN MASTER CONTAINERS GRADED U.S. FANCY 2<sup>1</sup>/<sub>2</sub>" AND UP SIZES

WEEK ENDING	MCINTOSH	RED DELICIOUS	JONATHANS	GOLDEN DELICIOUS	CORTLANDS
Sept. 10	6.00				
17	6.00-6.25	6.25-6.50			
24	5.75-6.25	6.25-6.50	6.25-6.50		5.50-5.75
Oct. 1	5.75-6.25	6.25-7.00	6.25-6.50	6.25-6.50	5.50-5.75
8	6.00-6.25	6.50-7.00	6.00-6.50	6.25-6.50	5.50-5.75
15	6.00-6.25	6.00-6.50	6.25-6.50	6.00-6.25	5.50-6.00
22	6.00-6.25	6.25-6.50	6.25-6.50	6.00-6.25	5.50-5.75
29	6.00-6.25	6.25-6.50	6.25-6.50	6.00-6.25	5.50-5.75
Nov. 5	6.00-6.25	6.25-6.50	6.25	6.00-6.25	5.50-5.75
12	6.25-6.50	5.50-6.00	6.00-6.25	5.25-6.00	5.50-5.75
19	6.25-6.50	5.50-6.25	6.00-6.25	5.25-6.00	
26	6.25-6.50	5.75-6.25	6.00-6.25	5.50-6.00	
Dec. 3	6.25-6.50	5.75-6.25	6.00-6.25	5.50-6.00	
10	6.25-6.50	5.75-6.25	6.00-6.50	5.50-6.00	
17	6.25-6.50	5.75-6.25	6.00-6.25	5.00-6.00	
24	6.25	5.50-6.25	6.00-6.25	5.00-6.00	
31	6.25	5.50-5.75	6.00	5.00-5.25	
Jan. 7	6.25-6.50	5.25-5.75	6.00	4.25-4.75	
14	6.50	5.25-5.50	5.75-6.00	4.50-5.00	
21	-	5.00-5.50	5.75-6.00	4.50-5.00	
28		5.00-5.25	-	4.50-5.00	
Feb. 4		5.00-5.50		5.00-5.50	
11		5.00-5.50		5.00-5.50	
18		5.00-5.50		5.00-5.50	
25		5.00-5.25			

WEEK ENDING	RED ROMES	DELICIOUS	RED STAYMANS	IDARED
Oct. 15	6.25			
22	6.25-6.50	5.50-6.00	6.25-6.50	6.25-6.50
29	6.25-6.50	5.50-6.00	6.25-6.50	6.25-6.50
Nov. 5	6.00-6.50	5.50-6.00	6.00-6.50	6.25-6.50
12	6.00-6.50	5.00-5.50	6.00-6.50	6.25-6.50
19	6.00-6.25	5.00-5.25	6.00-6.25	6.25-6.50
26	6.00-6.25	5.00-5.25	6.00-6.25	6.25-6.50
Dec. 3	6.00-6.25	4.75-5.00	6.00-6.25	6.25-6.50
10	6.00-6.25	4.75-5.00	6.00-6.25	6.25-6.50
17	6.00-6.25	4.50-5.00	6.00-6.25	6.25-6.50
24	6.00-6.25	4.50-4.75	6.00-6.25	6.25-6.50
31	6.00	4.00-4.75	6.00	6.00-6.25
Jan. 7	6.00	4.00-4.50	6.00	6.00-6.25
14	5.75-6.00	4.00-4.50	5.75-6.00	6.00-6.25
21	5.50-6.00	4.00-4.50	5.50-6.00	6.00-6.25
28	5.50-6.00		5.50-6.00	
Feb. 4	5.75-6.00	4.00-4.50	5.75-6.00	
11	5.75-6.00	4.00-4.50	5.75-6.00	
18	5.75-6.00	4.00-4.50	5.75-6.00	
25	5.50		5.50	

## WEST MICHIGAN F.O.B. APPLE PRICES (CONTINUED)

13.

12 TRAYS 8 OR 11 COUNT FILM WRAPPED U.S. FANCY 2 1/4" AND UP

WEEK ENDING	RED DELICIOUS	JONATHANS	MCINTOSH	RED ROMES	RED STAYMANS
Oct. 8	7.00-7.25	6.75-7.00	6.75-7.00		
15	7.00-7.25	6.75-7.00	6.75-7.00		
22	7.00	6.75-7.00	6.75-7.00		
29	7.00	6.75-7.00	6.75-7.00		
Nov. 5	7.00	6.75-7.00	6.75-7.00		
12	7.00	6.75-7.00	6.75-7.00	7.00	
19	7.00	6.75-7.00	6.75-7.00	7.00	
26	7.00	7.00	7.00	7.00	
Dec. 3	7.00	7.00	7.00	7.00	
10	7.00	7.00	7.00	7.00	
17	7.00	7.00	7.00	7.00	
24	7.00	7.00	7.00	7.00	
31	7.00	7.00	7.00	7.00	
Jan. 7	7.00	7.00	7.00	7.00	
14	7.00	7.00	7.00	7.00	
21	7.00			7.00	

TRAY PACK CARTONS GRADED MOSTLY U.S. COMBINATION EXTRA FANCY AND FANCY

WEEK ENDING	RED DELICIOUS 72-88S	RED DELICIOUS 88-113S	RED DELICIOUS 100S	RED DELICIOUS 113-125S	JONATHANS 113-125S
Oct. 15	9.00		8.50	8.00	
22	9.00		8.50-8.75	8.00-8.25	
29	9.00		8.50-8.75		
Nov. 5	9.00		8.50-8.75		
12	7.25-8.50		7.00-7.75		
19	7.50		7.00-7.25		
26	7.50	7.50			
Dec. 3		7.25-7.50			7.50
10		7.25-7.50			7.50
17		7.25-7.50			7.50
24		6.00-7.50			7.00-7.50
31	7.25-7.50	6.50-7.00			6.75-7.00
Jan. 7	7.25-7.50	6.75-7.00			6.75-7.00
14	7.25-7.50	6.75-7.00	6.75-7.00		6.75-7.00
21	7.25-7.50		6.75-7.00		6.00-6.50
28					6.00-6.50
Feb. 4					6.00-6.50
11					6.00-6.50

WEEK ENDING	RED DELICIOUS 113S	RED DELICIOUS 125S	RED ROMES 100S	RED ROMES 88-100S	RED STAYMANS 88-113S
Oct. 22			8.25		
29	8.00-8.25	7.25-7.50	8.25-8.50		
Nov. 5	8.00-8.75	7.25-7.50	8.25-8.50		
12	6.50-7.25	6.25-7.00	7.00-7.50		
19	6.50-6.75	6.25-6.50	7.00-7.50		
26				7.50	7.25-7.50
Dec. 3				7.50	7.50
10				7.50	7.50
17				7.50	7.50
24				6.75-7.50	6.75-7.50
31				6.75-7.00	6.75-7.00
Jan. 7				6.75-7.00	6.75-7.00
14				6.75-7.00	6.75-7.00
21				6.75-7.00	6.75-7.00
28				6.75-7.00	6.75-7.00
Feb. 4				6.75-7.00	6.75-7.00
11				6.75-7.00	6.75-7.00

## WEST MICHIGAN F.O.B. APPLE PRICES (CONTINUED)

BUSHEL CARTONS U.S. NUMBER ONE 2<sup>1</sup>/<sub>2</sub>" AND UP

WEEK ENDING	RED DELICIOUS	JONATHANS	MCINTOSH	GOLDEN DELICIOUS	RED ROMES	RED STAYMANS
Oct. 1	7.00-7.25	6.00-6.50	6.00			
8	6.50-6.75	6.25-6.50				
15	6.00-6.50	6.00-6.25	6.00-6.25	6.00-6.25		
22	6.25	6.00-6.25	6.00-6.25	6.00-6.25		
29	6.00-6.25	6.00-6.25	6.00-6.25	6.00-6.25		
Nov. 5	6.00-6.50	6.00-6.25	6.00-6.25	6.00-6.25		
12	6.00-6.50	6.00-6.25	6.00-6.25	6.00-6.25	6.25	6.25
19	6.00	6.00-6.50	6.00-6.50	6.00	6.25	6.25
26	6.00-6.25	6.50	6.25-6.50	6.00-6.25	6.25	6.25
Dec. 3	6.00-6.25	6.50	6.25-6.50	5.75-6.25	6.00-6.25	6.00-6.25
10	6.00-6.25	6.25-6.50	6.25-6.50	5.50-6.00	6.00-6.25	6.00-6.25
17	6.00-6.25	6.25-6.50		5.50-5.75	6.00-6.25	6.00-6.25
24	5.75-6.25	6.25		5.00-5.50	6.00-6.25	6.00-6.25
31	5.50-5.75	6.00-6.25			6.00-6.25	6.00-6.25
Jan. 7	5.00-5.75	6.00-6.25			5.75-6.25	5.75-6.25
14	5.00-5.50	6.00			5.75-6.00	5.75-6.00
21	5.00-5.25				5.75-6.00	5.75-6.00

## CONTROLLED ATMOSPHERE STORAGE

12-3 LB. FILM BAG PACKED IN MASTER CONTAINERS GRADED U.S. FANCY 2<sup>1</sup>/<sub>2</sub>" AND UP SIZES

WEEK ENDING	JONATHANS	MCINTOSH	RED DELICIOUS	RED ROMES
Dec. 31	6.75			
Jan. 7	6.50-6.75	6.50-6.75	6.50-6.75	
14	6.50-6.75	6.50-6.75	6.50-6.75	6.50-6.75
21	6.50-6.75	6.50-6.75	6.50	6.50-6.75
28	6.50-6.75	6.50-6.75	6.50	6.50-6.75
Feb. 4	6.50-6.75	6.50-6.75	6.50	6.50-6.75
11	6.50-6.75	6.50-6.75	6.25-6.50	6.50-6.75
18	6.50-6.75	6.50-6.75	6.25-6.50	6.50
25	6.50-6.75	6.50-6.75	6.00-6.50	6.25-6.75
March 4	6.50-6.75	6.50-7.00	6.00-6.50	6.25-6.75
11	6.50-6.75	6.75-7.00	6.00-6.50	6.25-6.50
18	6.50-6.75	6.75-7.00	5.75-6.25	6.25-6.50
25	6.00-6.75	6.75-7.00	5.75-6.25	6.25-6.50
April 1	6.00-6.50	6.75-7.00	5.75-6.25	6.25-6.50
8	6.00-6.25	6.75-7.00	5.75-6.25	6.50-6.75
15	6.00-6.25	6.75-7.00	6.00-6.25	6.50-6.75
22	5.50-6.25	6.50-7.00	6.00-6.50	6.25-6.75
29	5.50-6.00	6.50	6.00-6.50	6.25-6.75

WEEK ENDING	IDARED	GOLDEN DELICIOUS	RED STAYMANS	WINESAPS
Jan. 21	7.00	6.25		
28	6.50-7.00	6.00-6.25		
Feb. 4	6.75-7.00	6.00-6.25	6.50	
11	6.75-7.00	6.00-6.25	6.50	
18	6.75-7.00	5.50-6.25	6.50	
25	6.50-7.00	5.50-6.00		
March 4	6.50-7.00	5.50-6.00	6.25-6.50	
11	6.50-7.00	5.50-6.00	6.25-6.50	
18	6.50-7.00	5.00-6.00	6.25-6.50	
25	6.50-7.00	5.00-5.50	6.25-6.50	
April 1	7.00-7.50	5.00-6.00	6.25-6.50	
8	7.00-7.25	5.50-6.00	6.00-6.25	
15	7.00-7.25	5.50-6.00	5.75-6.25	
22	7.00-7.25	5.50-6.00	5.75-6.00	
29	7.00-7.25	5.50-6.00	5.75-6.00	

## WEST MICHIGAN F.O.B. APPLE PRICES (CONTINUED)

## CONTROLLED ATMOSPHERE STORAGE

12 TRAYS 8 OR 11 COUNT FILM WRAPPED U.S. FANCY 2<sup>1</sup>/<sub>2</sub>" AND UP

WEEK ENDING	JONATHANS	MCINTOSH	RED ROMES	RED DELICIOUS
Jan. 21	7.00	7.00		
	7.00-7.50	7.00-7.50	7.00-7.50	7.00-7.25
Feb. 4	7.00-7.50	7.00-7.50	7.00-7.50	7.00-7.25
	7.00-7.50	7.00-7.50	7.00-7.50	7.00-7.25
	7.00-7.50	7.00-7.50	7.00-7.50	7.00-7.25
	7.00-7.50	7.00-7.50	7.00-7.50	7.00-7.25
	7.00-7.50	7.00-7.50	7.00-7.50	6.75-7.25
March 4	7.00-7.25	7.25-7.50	7.00-7.25	6.75-7.00
	7.00-7.25	7.25-7.50	7.00-7.25	6.75-7.00
	7.00-7.25	7.25-7.50	7.00-7.25	6.75-7.00
	7.00-7.25	7.25-7.50	7.00-7.25	6.00-7.00
April 1	7.00-7.25	7.25-7.50	7.00-7.25	6.00-6.50
	7.00-7.25	7.25-7.50	7.00-7.25	6.00-6.50
	7.00-7.25	7.25-7.50	7.00-7.25	6.00-6.50
	7.00-7.25	7.00-7.25	7.00-7.25	6.00-6.25
	7.00-7.25	7.00-7.25	7.00-7.25	6.00-6.50

WEEK ENDING	GOLDEN DELICIOUS	RED STAYMANS	IDARED
March 4	7.00-7.25		
	6.00	7.00-7.25	7.00-7.25
	5.75-6.00	7.00-7.25	7.00-7.25
	5.75-6.00	7.00-7.50	7.00-7.50
	6.00-6.25	7.00-7.25	7.00-7.25
April 1	6.00-6.25	7.00-7.25	7.00-7.25
	6.00-6.25	7.00-7.25	7.00-7.25
	6.00-6.25	7.00-7.25	7.00-7.25
	6.00-6.25	7.00	
	6.00-6.25	7.00	

## 1976 WEEKLY PRICE RANGE OF MICHIGAN APPLES AT IMPORTANT WHOLESALE TERMINAL MARKETS

The following tabulations are compiled from the Benton Harbor Market News files. Quotations are in weekly price range, grade, containers as indicated, sizes as listed, and are for sales of less than carlot equivalents.

C H I C A G O

12-3 LB FILM BAG PACKED IN MASTER CONTAINERS GRADED U.S. FANCY 2<sup>1</sup>/<sub>2</sub>" AND UP SIZES  
REGULAR STORAGE

WEEK ENDING	RED DELICIOUS	JONATHANS	MCINTOSH	DELICIOUS	RED ROMES
Sept. 24	7.50				
Oct. 1		7.00-7.25	6.50		
8	7.50				
22	7.00-7.50	7.00-7.25	6.50-7.00		
29	7.00-7.50	7.00-7.50	6.50-7.00		
Nov. 5	7.00-7.50	7.00-7.50	6.50-7.00		
12	7.25	6.50-7.50	6.75		
19	7.00-7.25	7.25	6.75-7.00		
Dec. 3		7.00-7.25	7.00-7.25	6.50-7.00	
10		7.00-7.25		6.75-7.00	
17		6.75-7.25	6.50-7.25	6.50-7.25	7.25-7.50
24		6.75-7.25	6.50-7.25	6.50-7.25	7.00-7.25
31		6.75-7.25	6.50-7.25	6.00-6.50	7.00-7.50
Jan. 7		6.50-7.25	6.75-7.25	6.00-7.00	7.00-7.25
14		7.00-7.25	7.00-7.50	6.50-7.00	7.00-7.50
21				7.50	7.50

## 1976 WEEKLY PRICE RANGE OF MICHIGAN APPLES AT IMPORTANT WHOLESALE TERMINAL MARKETS

C H I C A G O12 TRAYS 8 OR 11 COUNT FILM WRAPPED U.S. FANCY 2<sup>1</sup>/<sub>2</sub>" AND UP

WEEK ENDING	MCINTOSH	JONATHANS	RED DELICIOUS
Oct. 22	8.00-8.25	8.25	8.00
Nov. 12	7.75-8.25	8.25	8.50
19	7.75		
Dec. 3	8.25	8.25	
10	8.50	8.50	
17	8.25-8.50	8.25-8.50	
24	8.25-8.50	8.25-8.50	
31		8.25-8.50	8.25-8.50
Jan. 21	8.00-8.50	8.00-8.50	
Feb. 4	8.00-8.50	8.00-8.50	

12-3 LB FILM BAG PACKED IN MASTER CONTAINERS GRADED U.S. FANCY 2<sup>1</sup>/<sub>2</sub>" AND UP  
CONTROLLED ATMOSPHERE STORAGE

WEEK ENDING	JONATHANS	MCINTOSH	RED DELICIOUS	RED ROMES
Jan. 28	8.00-8.50	8.00-8.50		
Feb. 4	7.50-8.00	7.50-8.00	7.50-8.00	7.50-8.00
11	8.00-8.25	8.00-8.25	8.00-8.50	8.00-8.25
18	8.00	8.00		8.00
25	8.25	8.00		8.00
March 4	8.25	8.00	8.00	8.00
11	8.25	8.00	8.00	8.00
18	7.50-8.25	7.50-8.00	7.50-8.00	7.50-8.00
25	7.50-8.00	7.50-8.00	7.00-7.50	7.50-8.00
April 1	7.00-8.00	7.50-8.00	7.00-7.50	7.50-8.00
8	7.00-7.50	7.25	7.00-7.25	7.00-8.00
15	7.00-7.50	7.25	7.00-7.25	7.00-8.00
22	7.00-7.50	7.25	7.00-7.25	7.00-7.50
29	7.00-7.25	7.25	7.00-7.50	7.00-7.50

C L E V E L A N D12-3 LB FILM BAG PACKED IN MASTER CONTAINERS GRADED U.S. FANCY 2<sup>1</sup>/<sub>2</sub>" AND UP  
REGULAR STORAGE

WEEK ENDING	PAULA RED	MCINTOSH	JONATHANS
Sept. 17	5.50-6.25		
24		6.25	
Oct. 1	5.50	6.50	
8	5.50	6.50-7.00	7.00
22		6.75-7.00	6.00
29		6.75-7.00	
Nov. 5		6.75-7.00	6.00-6.50
12		6.75-7.00	6.00-6.50
19		6.75-7.00	6.00-6.50
26		6.00-6.50	
Dec. 10		7.00	

## 1976 WEEKLY PRICE RANGE OF MICHIGAN APPLES AT IMPORTANT WHOLESALE TERMINAL MARKETS

C L E V E L A N D

12-3 LB FILM BAG PACKED IN MASTER CONTAINERS GRADED U.S. FANCY 2<sup>1</sup>/<sub>2</sub>" AND UP  
 CONTROLLED ATMOSPHERE STORAGE

WEEK ENDING	RED DELICIOUS	RED ROMES	RED STAYMANS	JONATHANS
March 11	8.00	8.00	8.00	
18	8.00	8.00	8.00	
25	8.00	8.00	8.00	
April 1	8.00	8.00	8.00	
8	7.50-8.00	7.50-8.00	7.50-8.00	7.50-8.00
15		7.00-8.00	7.50-8.00	7.50-8.00
22		7.50-8.00	7.50-8.00	7.50-8.00
29		7.50-8.00	7.50-8.00	7.50-8.00

C I N C I N N A T I

12-3 LB FILM BAG PACKED IN MASTER CONTAINERS GRADED U.S. FANCY 2<sup>1</sup>/<sub>2</sub>" AND UP  
 REGULAR STORAGE

WEEK ENDING	WINESAPS	GOLDEN DELICIOUS	JONATHANS	MCINTOSH	RED DELICIOUS	RED ROMES
Oct. 8		7.00	6.50-7.50	7.50-7.75	6.50-7.50	
15		7.00	6.50-7.50	7.50-7.75	6.50-7.50	
22	7.50	7.25	6.50-7.50	7.50	6.50-7.50	7.00
29	7.50	7.25	6.00	7.50	6.00-7.25	7.50
Nov. 5	7.75	7.25-7.50	7.25	7.75	7.25-7.50	7.25-7.75
12	7.25-7.75	7.25-7.35	7.25	7.25-7.75	7.25-7.35	7.25-7.75
19	7.00-7.50	6.75-7.25	7.00-7.25	7.00-7.75	7.00-7.25	7.00-7.50
26	7.00-7.25	6.75-7.25	7.00-7.25	7.00-7.25	6.75-7.25	7.00-7.25
Dec. 3	7.00-7.50	6.75-7.25	7.00-7.25	7.00-7.75	6.75-7.25	7.00-7.50
10	7.00-7.50	6.50-7.00	6.00-7.00	7.00-7.75	6.50-7.00	6.00-7.00
17	7.00-7.50	6.75-7.00	7.00	7.75	7.00	7.00-7.50
24	7.50	6.75-7.00	6.75-7.00	7.75	6.75-7.00	6.75-7.50
31	6.25-7.00	6.85-7.00	7.00	7.00-7.75	6.75-7.16	6.50-7.00
Jan. 7	6.75-7.00	6.85-7.00	7.00	7.00-7.75	6.75-7.00	6.75-7.00
14	7.00-7.25	6.85		7.00	6.75-6.85	7.00
21	7.00-7.25	6.85	7.00	7.00	6.75-6.85	6.75-7.00
Feb. 4	7.00-7.65	6.85	7.00		6.75	7.00-7.60
11	7.00-7.50	6.65	6.50-7.00	7.00	6.25-7.00	7.00-7.60
18	7.00	6.65	6.50		6.25-7.00	7.00
25	7.00	6.65	6.00-6.50		7.00	7.00
March 4	7.00-7.50	6.65	6.50		7.00	7.00
11	7.00-7.50				7.00	
18	7.00-7.50	6.25	6.50		7.00	
25	7.00-7.50				7.00	
April 1	7.00-7.50					

CARTONS TRAY PACK REGULAR STORAGE

WEEK ENDING	RED DELICIOUS 113S	RED DELICIOUS 125S	RED DELICIOUS 113-125S	RED DELICIOUS 138S
Oct. 22	9.00	8.00		
Nov. 12			7.50	7.00
19			7.50	7.00
26			7.00-7.50	
Dec. 3			7.00-7.50	
10			7.00-7.50	
17			7.00	

## 1976 WEEKLY PRICE RANGE OF MICHIGAN APPLES AT IMPORTANT WHOLESALE TERMINAL MARKETS

CINCINNATI

12-3 LB FILM BAG PACKED IN MASTER CONTAINERS GRADED U.S. FANCY 2<sup>1/4</sup>" AND UP  
CONTROLLED ATMOSPHERE STORAGE

WEEK ENDING	RED DELICIOUS	JONATHANS	MCINTOSH	RED ROMES
Feb. 18	8.00	7.75	7.75	7.60
25	8.00	7.75	7.75	7.60
March 4	7.50-8.00	7.50-7.75	7.50-7.75	7.00-7.50
11	7.50-7.60	7.50-7.75	7.50-7.75	7.00-7.25
18	7.50-7.60	7.50-7.75	7.50-7.75	7.75-8.10
25		7.50-7.75	7.50-7.75	7.75-8.10
April 1	7.50-7.75	7.50-7.75	7.75	7.50-8.10
8	7.50-7.75	7.50-7.75	7.50-7.75	7.75-8.25
15	7.50-7.75	7.25-7.50	7.50-7.75	7.50-8.35
22	7.25-7.85	7.50-8.10	7.50	7.50
29	7.25-7.85	7.25-7.50	7.25	7.25-7.50

DETROIT

12-3 LB FILM BAG PACKED IN MASTER CONTAINERS GRADED U.S. FANCY 2<sup>1/4</sup>" AND UP  
REGULAR STORAGE

WEEK ENDING	RED DELICIOUS	MCINTOSH	DELICIOUS	RED ROMES	JONATHANS
Sept. 24	7.50-7.75	6.50-6.75			
Oct. 1	7.75	7.25			
8	7.75	7.25			
15	7.00-7.25	6.50			
22	7.50	7.00	6.50	6.50	
29	6.50-7.25	7.00-7.25			
Nov. 5	6.50-7.25	7.25		6.50	
12	7.00-7.25	7.25			
19	6.50-7.25				
26	7.00-7.75	7.50			
Dec. 3	7.25	7.75	7.25		7.75
10	7.75	6.75-7.75	7.75		6.75
17	7.75	6.75-7.75	6.50-6.75		6.75
24	7.75	7.75			6.75
31	7.75	7.75			7.00
Jan. 7	7.25-7.75	7.75			7.00-7.50
14	7.00-7.25	7.75		7.50	7.50
21	6.50-7.50	7.75			6.50-7.50
Feb. 11	6.00				6.00
18				5.50-6.00	5.50
25				6.00-6.50	5.50

CARTONS TRAY PACK REGULAR STORAGE

WEEK ENDING	RED DELICIOUS 88-100S	RED DELICIOUS 113S	RED DELICIOUS 113-125S	RED DELICIOUS 125S
Sept. 24	10.00-10.25	9.00	9.75-10.00	
Oct. 1	11.50-11.75	9.75		
8	11.50	9.75		
15	10.50		9.25	
22	9.00-10.00		9.00	
29	10.00	9.00	9.00	
Nov. 5	9.50			8.50-9.00
12	9.00			8.50
19	9.00-9.50			8.00-8.50
Dec. 3	9.50			
10	8.00-8.50			
Feb. 25	12.00			

## 1976 WEEKLY PRICE RANGE OF MICHIGAN APPLES AT IMPORTANT WHOLESALE TERMINAL MARKETS

D E T R O I T

12-3 LB FILM BAG PACKED IN MASTER CONTAINERS GRADED U.S. FANCY 2<sup>1</sup>/<sub>2</sub>" AND UP SIZES  
CONTROLLED ATMOSPHERE STORAGE

<u>WEEK ENDING</u>	<u>JONATHANS</u>	<u>MCINTOSH</u>	<u>RED DELICIOUS</u>	<u>RED ROMES</u>
Feb. 4	8.00	7.75-8.00	7.75-8.00	7.75-8.00
11	8.00	8.00	7.75-8.00	8.00
18	8.00	8.00	7.75	8.00
25	8.00	8.00	7.75	8.00
March 4	8.00	8.00	8.00	8.00
11	8.00	8.00	8.00	8.00
18	8.00	8.00	8.00	8.00
25	8.00	8.25	8.00	8.00
April 1	7.50-8.00	7.75-8.25	7.00-8.00	7.50-8.00
8	8.00	8.25	8.00	8.00
15	8.00	8.25	8.00	8.00
22	8.00		8.00	
29			8.00	8.50

L O U I S V I L L E

12-3 LB FILM BAG PACKED IN MASTER CONTAINERS GRADED U.S. FANCY 2<sup>1</sup>/<sub>2</sub>" AND UP SIZES  
REGULAR STORAGE

<u>WEEK ENDING</u>	<u>JONATHANS</u>	<u>RED DELICIOUS</u>	<u>WINESAP</u>	<u>DELICIOUS</u>	<u>GOLDEN DELICIOUS</u>
Dec. 24	7.00-7.50	7.00-7.50	7.00-7.50	7.00-7.50	
31		6.75-7.50		6.75-7.50	
Feb. 4	6.50-6.75	6.75-7.00	7.00-7.25		6.75-7.00
11	6.75	6.75-7.00	7.00-7.25		6.75-7.00
18	6.50-6.75	6.75-7.00	7.25		6.75-7.00

12-3 LB FILM BAG PACKED IN MASTER CONTAINERS GRADED U.S. FANCY 2<sup>1</sup>/<sub>2</sub>" AND UP SIZES  
CONTROLLED ATMOSPHERE STORAGE

<u>WEEK ENDING</u>	<u>RED DELICIOUS</u>	<u>RED ROMES</u>	<u>WINESAPS</u>	<u>JONATHANS</u>
Feb. 18	8.00-8.50	8.00-8.50	8.00-8.50	
March 11			8.00	7.50
18			7.75-8.00	7.50
25				7.50
April 15		7.00-7.50	7.50-7.75	
22	7.00		7.50-7.75	
29			7.50-7.75	

## 1976 WEEKLY PRICE RANGE OF MICHIGAN APPLES AT IMPORTANT WHOLESALE TERMINAL MARKETS

NEW ORLEANS12-3 LB FILM BAG PACKED IN MASTER CONTAINERS GRADED U.S. FANCY 2<sup>1</sup>/<sub>2</sub>" AND UP

<u>WEEK ENDING</u>	<u>DELICIOUS</u>	<u>JONATHANS</u>
Nov. 5	6.50-7.00	
12	6.50-7.00	
19	6.50-7.00	
26	6.50-7.00	
Dec. 3	6.50-7.00	
10	6.50-7.00	
17	6.50-7.00	
24	6.75-7.00	
31	6.75	
Jan. 7	6.75	6.75
14	6.75	6.75
21	6.25-6.75	6.75
Feb. 11	6.00-6.75	6.75
18	6.50-6.75	6.75
25	6.50-6.75	6.75

CARTONS TRAY PACK

<u>WEEK ENDING</u>	<u>DELICIOUS 125-138S</u>	<u>DELICIOUS 150S</u>	<u>DELICIOUS 100S</u>	<u>DELICIOUS 163S</u>	<u>RED ROMES 88S</u>	<u>JONATHANS 100S</u>
Nov. 5	8.00	7.00				
19	8.00	7.00-7.25	8.50			
26	8.00	7.25	8.50			
Dec. 3	8.00	7.25	8.50		8.75	
10	8.00	7.25			8.75	
17	8.00	7.25	8.50		8.75	
24	8.00	7.25	8.50-8.75		8.75	
31	8.00	7.25	8.75		8.75	
Jan. 21	7.50	7.25				
Feb. 11		8.00		7.50	10.00	
18		8.00		7.50	10.00	
25		8.00		7.50		

S T. LOUIS12-3 LB FILM BAG PACKED IN MASTER CONTAINERS GRADED U.S. FANCY 2<sup>1</sup>/<sub>2</sub>" AND UP

<u>WEEK ENDING</u>	<u>JONATHANS</u>	<u>JONATHANS (2<sup>1</sup>/<sub>2</sub>" &amp; UP)</u>
Nov. 5	7.00	5.50
19	7.25	5.00
26	7.25	5.00
Dec. 3	7.25	
10	7.00-7.25	
17	7.00-7.25	
31	7.00-7.25	
Jan. 7	7.00-7.25	5.50
14	6.50-7.25	
21	6.50-6.75	
Feb. 4	6.25-6.50	
11	6.00-6.50	

## UNITED STATES COLD STORAGE HOLDINGS\*

	1974		1975		1976	
	COLD <u>STGE</u>	C.A. <u>STGE</u>	COLD <u>STGE</u>	C.A. <u>STGE</u>	COLD <u>STGE</u>	C.A. <u>STGE</u>
January	713,138	858,241	658,798	1,015,466	814,221	1,272,964
February	386,144	767,566	332,869	881,720	416,417	1,152,853
March	191,749	586,460	157,243	611,907	200,978	910,725
April	97,173	357,253	71,298	363,508	146,937	631,800
May	53,181	145,007	14,185	170,187	95,450	337,884
June	17,895	53,272	7,589	43,966	42,295	131,722
July	2,738	5,256	3,780	9,625	28,622	24,398
August	14,598	-	9,308	1,302	9,950	1,058
September	805,685	256,164	746,063	281,069	262,211	89,881
October	2,070,987	1,040,458	2,213,840	1,239,879	1,930,415	1,235,382
November	1,619,814	1,056,932	1,825,009	1,290,115	1,481,563	1,287,976
December	1,150,443	1,063,611	1,275,797	1,293,562	986,089	1,262,866

## COLD STORAGE HOLDINGS OF FROZEN APPLES\*

	<u>1974</u>	<u>1975</u>	<u>1976</u>
January	71,995	83,646	77,608
February	91,691	84,880	87,511
March	92,102	81,589	89,415
April	92,170	76,996	81,867
May	87,624	68,320	73,376
June	81,159	61,182	64,277
July	73,464	52,507	54,691
August	64,416	43,828	44,590
September	54,905	36,040	41,404
October	58,452	40,450	52,617
November	67,685	53,379	75,797
December	75,296	66,799	90,484

(\*) Figures are in thousand pounds.

SOURCE: Monthly Cold Storage Booklets.

USDA, Statistical Reporting Service, Washington, D.C.

## APPLES

COMBINED RAIL & TRUCK UNLOADS IN 41 CITIES & 5 CANADIAN CITIES  
BY STATES OF ORIGIN 1976

	<u>COLO.</u>	<u>CAN.</u>	<u>IDA.</u>	<u>IND.</u>	<u>ILL.</u>	<u>MD.</u>	<u>MICH.</u>	<u>N.J.</u>	<u>N.Y.</u>	
Albany, New York	-	-	-	-	-	-	-	1	137	
Atlanta, Georgia	26	2	1	2	-	10	31	-	13	
Baltimore, Md.-										
Washington, D.C.	-	2	8	-	-	57	-	22	39	
Birmingham, Alabama	5	4	28	2	16	2	38	-	3	
Boston, Massachusetts	-	7	-	-	-	1	1	57	304	
Buffalo, New York	-	13	1	-	-	1	-	9	242	
Chicago, Illinois	4	16	48	10	54	2	412	13	43	
Cincinnati, Ohio	-	-	40	15	33	-	186	5	14	
Cleveland, Ohio	-	4	42	1	-	2	66	2	140	
Columbia, South Carolina	13	-	-	-	-	-	-	1	4	
Dallas, Texas	58	45	51	-	4	-	51	-	14	
Denver, Colorado	178	2	66	-	-	-	-	-	7	
Detroit, Michigan	-	8	7	-	-	1	621	-	18	
Fort Worth, Texas	20	3	1	-	3	3	8	-	-	
Houston, Texas	4	-	38	1	19	8	58	-	7	
Indianapolis, Indiana	-	-	2	22	40	-	169	5	-	
Kansas City, Missouri	3	-	8	-	-	-	105	-	-	
Los Angeles, California	38	182	405	-	-	-	-	-	4	
Louisville, Kentucky	-	4	-	14	49	3	124	-	60	
Memphis, Tennessee	11	1	16	2	35	3	58	1	-	
Miami, Florida	-	13	5	-	-	-	29	2	81	
Milwaukee, Wisconsin	-	-	13	-	-	1	17	-	6	
Minneapolis, MN-										
St. Paul, Minnesota	-	-	3	-	2	-	53	1	34	
Nashville, Tennessee	-	-	-	12	-	-	69	-	7	
New Orleans, Louisiana	-	6	4	1	-	1	34	-	4	
New York, New York-										
Newark, New Jersey	-	14	13	-	1	12	-	227	1476	
Oklahoma City, Oklahoma	8	-	40	-	-	-	2	-	-	
Philadelphia, Pennsylvania	-	25	21	3	-	26	-	268	177	
Pittsburgh, Pennsylvania	-	-	-	-	1	6	1	13	228	
Portland, Oregon	-	-	16	-	-	-	-	-	-	
Providence, Rhode Island	-	-	-	-	-	-	2	2	7	
St. Louis, Missouri	8	31	51	-	152	-	128	-	3	
Salt Lake City, Utah	-	-	42	-	1	-	-	-	-	
San Antonio, Texas	86	-	17	-	-	-	34	-	-	
San Francisco, California-										
Oakland, California	-	53	35	-	-	-	-	-	-	
Seattle, Washington-										
Tacoma, Washington	-	-	2	-	-	-	-	-	-	
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<b>TOTAL</b>		<b>462</b>	<b>435</b>	<b>1024</b>	<b>85</b>	<b>410</b>	<b>139</b>	<b>2297</b>	<b>629</b>	<b>3072</b>
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Montreal, Quebec	-	1259	1	-	-	-	-	-	48	
Ottawa, Ontario	-	271	-	-	-	-	19	1	3	
Toronto, Ontario	-	1289	6	7	-	-	11	-	67	
Vancouver, British Columbia	-	883	-	-	-	-	-	-	8	
Winnipeg, Manitoba	-	412	-	-	-	-	61	-	8	
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<b>TOTAL</b>		<b>-</b>	<b>4114</b>	<b>7</b>	<b>7</b>	<b>-</b>	<b>-</b>	<b>91</b>	<b>1</b>	<b>134</b>
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SOURCE: Transportation Section, Washington, D.C.

## APPLES

23.

COMBINED RAIL & TRUCK UNLOADS IN 41 CITIES & 5 CANADIAN CITIES  
BY STATES OF ORIGIN 1976 CONTINUED

N.C.	OHIO	ORE.	PENN.	VA.	WASH.	W.VA.	IMPORTS	OTHERS	TOTAL
1	-	-	-	2	60	1	3	2	207
132	3	3	63	71	514	19	1	103	994
31	-	12	251	277	538	157	-	30	1424
72	-	1	1	30	306	7	-	28	543
-	-	9	10	10	412	3	70	810	1694
7	-	1	3	2	110	1	-	2	392
35	-	29	3	-	1660	2	14	215	2560
24	121	5	-	2	623	97	-	33	1198
16	255	-	10	18	712	34	18	35	1355
77	-	-	51	40	279	2	-	15	482
10	-	17	1	4	734	1	9	90	1089
-	-	17	-	-	670	-	9	18	967
31	3	4	2	2	710	5	42	22	1476
7	-	1	-	2	145	-	-	6	199
24	1	4	-	4	556	-	-	41	765
6	1	3	-	-	276	-	-	14	538
2	-	-	-	-	475	-	-	135	728
-	-	381	-	-	5613	-	90	898	7611
27	-	5	10	27	234	7	-	30	594
16	-	-	1	31	136	1	-	23	335
47	-	5	5	85	463	28	3	150	916
-	-	2	-	-	165	-	-	31	235
37	-	-	44	-	899	9	-	102	1184
84	-	-	-	44	277	-	1	43	537
35	-	3	4	20	589	2	1	78	782
23	-	20	196	166	1870	55	9	231	4313
-	-	-	-	-	334	-	-	23	407
34	-	30	224	82	664	40	3	81	1678
22	18	5	249	43	533	40	2	17	1178
-	-	174	295	-	-	-	12	3	500
-	-	3	-	-	42	-	1	28	85
5	-	16	-	-	688	-	-	43	1125
-	-	6	-	-	211	-	7	54	321
37	-	1	-	8	593	-	4	51	831
-	-	89	-	-	1481	-	131	497	2286
-	-	46	-	-	1188	-	48	3	1287
842	402	892	1423	970	27,760	511	478	3985	42,816
54	-	-	3	-	279	-	367	8	2019
9	-	-	-	-	90	-	106	-	499
20	-	9	4	10	436	-	336	8	2203
-	-	6	-	-	100	-	87	15	1099
1	-	-	1	-	185	-	22	26	716
74	-	25	5	10	214	-	11	59	59
84	-	15	8	10	1090	-	918	57	6536

## MICHIGAN AND TOTAL UNITED STATES UNLOADS IN 41 CITIES FOR APPLES\*

Rail and Truck combined in carlot equivalents

Unloads by weeks during Michigan's shipping season

WEEK ENDING	MICHIGAN			UNITED STATES		
	1976 CROP	1975 CROP	1974 CROP	1976 CROP	1975 CROP	1974 CROP
July 2	10	2	-	451	299	263
9	8	5	-	343	309	278
16	10	3	-	424	258	231
23	5	2	1	420	217	223
30	2	1	1	397	182	217
Aug. 6	2	4	1	358	215	210
13	3	9	7	405	256	233
20	13	18	13	407	336	361
27	16	27	22	414	465	461
Sept. 3	16	23	17	503	503	481
10	16	35	28	532	935	857
17	15	39	41	796	1071	1002
24	16	65	36	955	1086	986
Oct. 1	30	70	57	1011	1116	1038
8	40	76	81	1120	1068	1089
15	37	92	64	899	1032	1019
22	30	113	85	1003	1110	1016
29	57	87	61	994	1041	947
Nov. 5	44	86	67	1007	1069	939
12	57	66	55	1081	978	946
19	48	65	51	1041	1041	954
26	35	47	54	833	901	764
Dec. 3	41	96	67	969	1169	856
10	47	99	65	1006	1161	1038
17	58	92	74	1092	1369	1232
24	40	48	50	930	705	668
31	25	80	57	599	788	627
Jan. 7	34	81	57	740	838	780
14	41	64	57	803	899	792
21	44	102	87	874	1039	967
28	49	80	92	916	1090	938
Feb. 4	56	95	74	939	1073	919
11	48	77	93	1044	1004	850
18	39	62	104	1026	988	1214
25	51	65	71	928	987	888
March 4	43	72	76	910	1000	934
11	41	87	71	907	1043	900
18	52	76	73	900	1005	849
25	41	87	-	941	999	-
TOTALS	1,260	2,298	1,910	30,918	32,645	28,967

(One carlot equivalent equals 900 cartons)

(\*) Preliminary

SOURCE: Weekly Summary Shipments Unloads

USDA, Transportation Section, Market News, Washington, DC.